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Produce . . .

LARGE PLANTS

in a few weeks

with



- **AMAZING**
- **EASY**
- **INEXPENSIVE**

For

TREES, VINES,
ORNAMENTALS AND SHRUBS

"YOU CAN BECOME
A PLANT EXPERT WITH AIRWRAP"

Agri-Plast

AGRICULTURAL PLASTICS

products company

P. O. BOX 142
648 S. ORANGE AVE.

SARASOTA, FLA.

THE AIRWRAP STORY



The air-layering method of plant propagation is well known and widely used among professional horticulturalists. With it they are able to grow in a matter of weeks large plants having precisely desired characteristics that would otherwise take years to produce. The method basically consists of making a branch of a tree, vine or shrub produce a root system while still attached to the parent tree from which it gets vital support. When the branch develops a sufficiently strong root system, it is cut off and planted — thus a new tree, vine or shrub is born.

Now with AIRWRAP, the unskilled gardner may use this method without fear of failure or expense. The simple directions contained in this pamphlet need be his only guide.

AIRWRAP is a special plastic material, fully patented, coated on one side with a water soluble material containing plant foods, hormones, insecticides and fungicides. These elements become available to, and are used by the plant during its root forming process. Furthermore, AIRWRAP has the special property of retaining moisture while at the same time permitting the passage of respiratory gases that form during the growing process.

DIRECTIONS

PREPARING THE BRANCH . . .

Select a branch $\frac{1}{4}$ " to 3" or more in diameter from a tree, ornamental or vine. (Better try a small one first). Completely remove a ring of bark from a section of the branch to be rooted, scraping the wood clean. It is best to make this cut just below a node to facilitate rooting. On limbs of from $\frac{1}{4}$ " to $\frac{1}{2}$ " in diameter, this ring should be about $1\frac{1}{2}$ times as wide as the diameter of the branch, but no cut should be less than $\frac{3}{4}$ ". On larger limbs the cut need not, as a rule, be more than $1\frac{1}{2}$ " in width. Caution, be sure all of the growth between the bark and the wood is removed.



THE ROOTING MATERIAL . . .

Thoroughly wet a ball of sphagnum moss, (preferred and available at any seed store) dirt or other rooting medium. After squeezing out all surplus water, place ball so that it covers the cut evenly. The ball should be large enough to provide adequate room for the new roots to grow; for small plants it should be about 2" in diameter and $3\frac{1}{2}$ " long.



APPLICATION OF AIRWRAP . . .

Place a piece of AIRWRAP — a 8" x 9" sheet — over the ball, making sure that the coated side is next to the ball. The trademark should be parallel to the branch. Now, bring the two edges together and fold over and over until the material is fairly tight around the ball. Twist the ends securely and tie with rubber strips or waxed cord.



THE NEW PLANT . . .

On most plants, roots will be seen just under the cover within from 3 to 8 weeks, although the rooting time will vary with different varieties of plants and the time of the year. Because of the transparency of AIRWRAP, it will be easy to observe when a satisfactory root system has developed. On small limbs when 6 or 8 roots can be seen (more on large limbs) cut your new plant from the parent tree just back of the ball toward the tree and remove the AIRWRAP carefully. Do not disturb the ball of rooting material or the roots.



POTTING AND PLANTING . . .

Trim off about half of the leaves from the new plant to compensate for the shock of severance from the parent tree. The exact amount of leaves to be cut off is difficult to prescribe; the error most frequently made is leaving on too much foliage which causes too great a loss of water in relation to the root system. Pot the plant in a container of good soil and place in a shady place for about 4 weeks or until new leaves begin to appear. Keep well watered. The new plant is now ready to be placed in its permanent location. While air-layering may be accomplished at any time during the growing season, remember that the new plant is tender and must be treated accordingly.



FACTS ABOUT AIRWRAP

- Air-layering with AIRWRAP may be successfully accomplished indoors in greenhouses as well as in the field. Some plants respond at any time of the year, others prefer the Spring or the Fall.
- The best time of the year for air-layering is during the growing season.
- There is almost no limit to the number of varieties of plants that can be successfully propagated with AIRWRAP.
- Many varieties of plants that are difficult to propagate from seed or any other method respond to the AIRWRAP process exceedingly well.
- "True-to-form" plants are the absolute rule when AIRWRAP is used.
- Even if your first efforts fail, it will not hurt the plant in any way. A second trial or even a third is recommended.
- The use of plastic in the air-layering method of plant propagation is restricted by U. S. Patents to AIRWRAP. Infringement will be vigorously prosecuted.

*For more detailed information
write*

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